

This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

Claim 1 (currently amended): A cascable optical amplifier arrangement, comprising:
a modular base amplifier arrangement constructed in single-mode technology and having at least a first amplifier stage and a second amplifier stage; and
a high-power amplifier stage connected to the second amplifier stage of the base amplifier arrangement, ~~wherein the high-power amplifier stage includes and having~~ an active fiber, ~~and a~~ at least two pump signal sources, and at least one of an amplification control and a power control.

Claim 2 (currently amended): The cascable optical amplifier arrangement as claimed in claim 1, ~~wherein further comprising~~ at least one further high-power amplifier stage having an active fiber and ~~a~~ at least one two pump signal source sources, wherein the at least one further high-power amplifier stage is connected to the high-power amplifier stage that is connected to the base amplifier arrangement.

Claim 3 (currently amended): The cascable optical amplifier arrangement as claimed in claim 2, ~~wherein the high-power amplifier stage and the~~ at least one further high-power amplifier stage each have their own amplification control and/or power control ~~respectively~~ includes at least one of an amplification control and a power control.

Claim 4 (currently amended): The cascable optical amplifier arrangement as claimed in claim 3, ~~wherein the amplification control and/or power control~~ wherein the at least one of an amplification control and a power control for each of the high-power amplifier stage and the further high-power stage is produced either in a manner which is one of optoelectronically or and purely optically.

Claim 5 (canceled)

Claim 6 (currently amended): The cascable optical amplifier arrangement as claimed in claim ~~5~~1, wherein the at least one of an amplification control and/or a power control is produced ~~either in a manner which is one of~~ optoelectronically ~~or and~~ purely optically.

Claim 7 (currently amended): The cascable optical amplifier arrangement as claimed in ~~any one of claims 2 to 4~~claim 2, wherein the at least ~~one two~~ pump signal sources for pumping the active fibers of the high-power amplifier stages are connected to ~~the input inputs~~ and to ~~the output outputs~~ of the respective active fibers.

Claim 8 (currently amended): The cascable optical amplifier arrangement as claimed in ~~any one of claims 2 to 4~~claim 2, ~~wherein further comprising a filter, serially connected upstream of the active fibers of the high-power amplifier stages, levels the~~ for leveling a gain spectrum of an optical signal to be amplified.

Claim 9 (currently amended): The cascable optical amplifier arrangement as claimed in ~~any one of claims 1, 5 and 6~~ claim 1, ~~wherein further comprising a filter, serially connected upstream of the active fiber of the high-power amplifier stage, levels the~~ for leveling a gain spectrum of an optical signal to be amplified.